Global Positioning System (GPS)

Continuously Operating Reference Station (CORS) Network

Presented by:

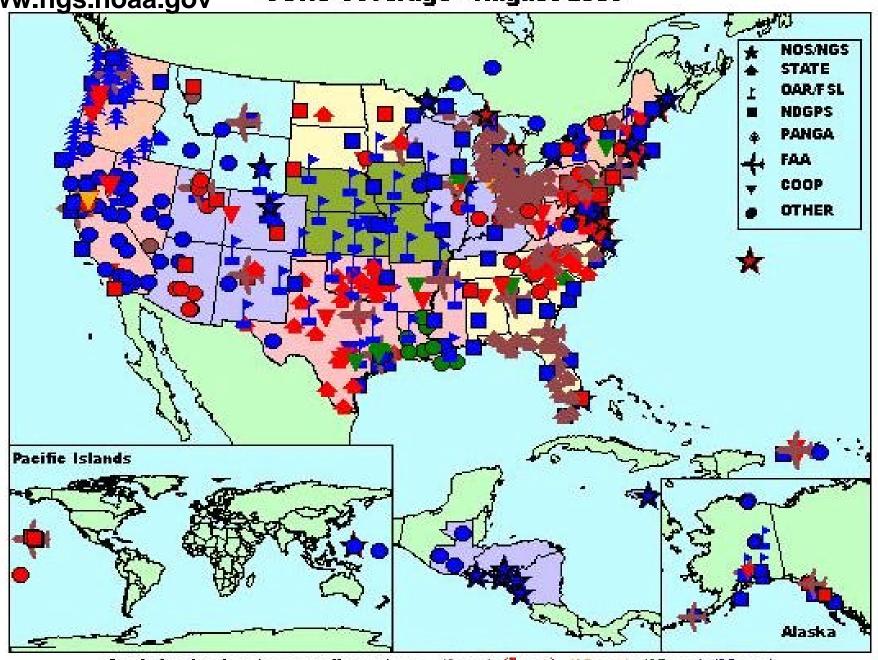
Curtis L. Smith

National Geodetic Survey

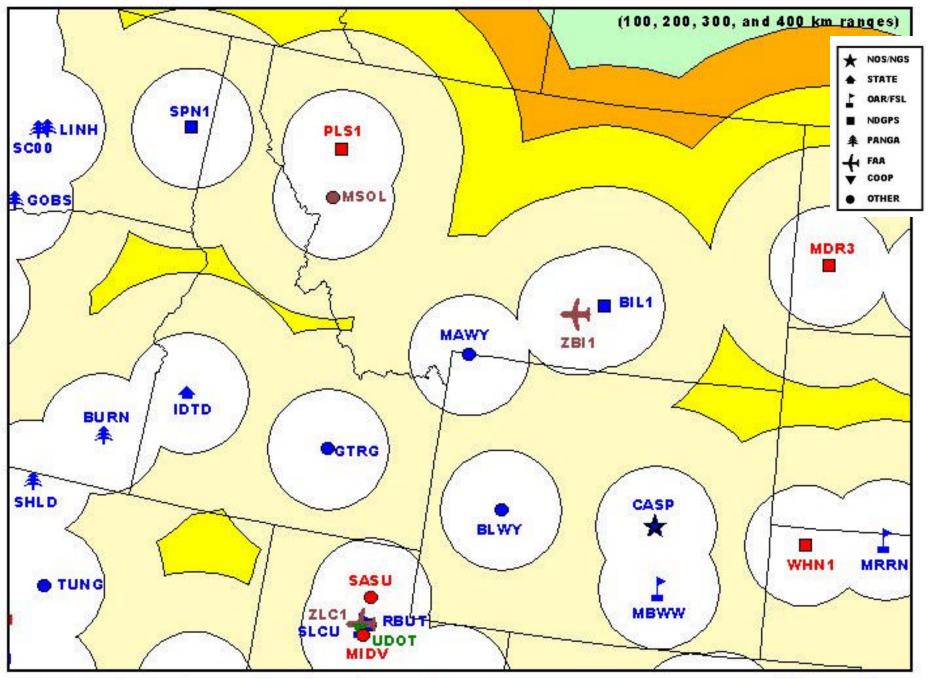
Geodetic Advisor Idaho/Montana

Cusmith@itd.state.id.us

208-332-7197

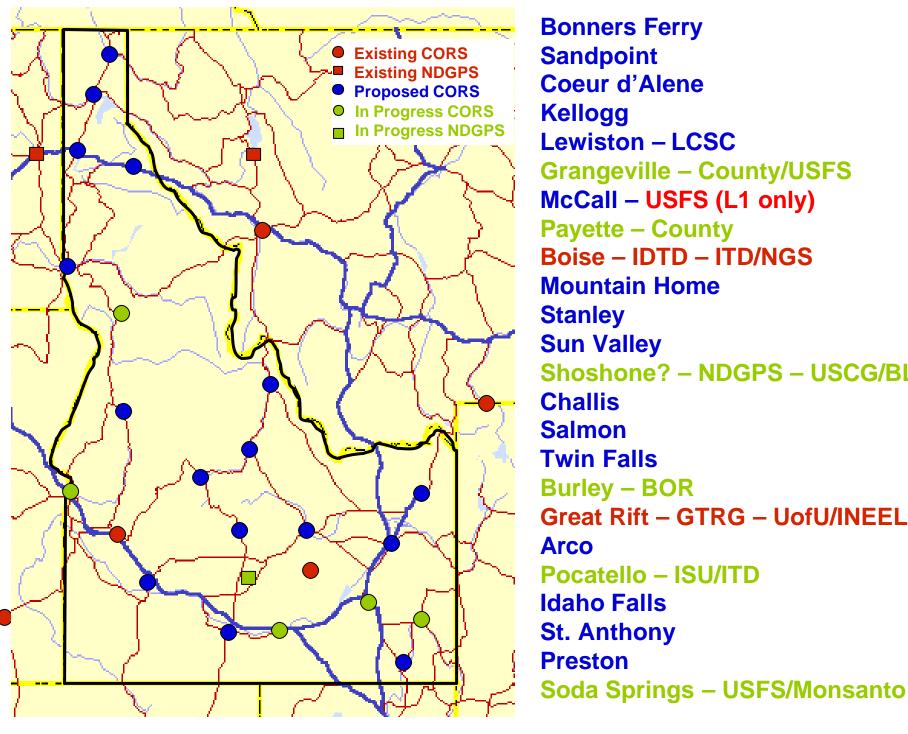


Symbol color denotes sampling rates: (1 sec) (5 sec) (10 sec) (15 sec) (30 sec) (27/03



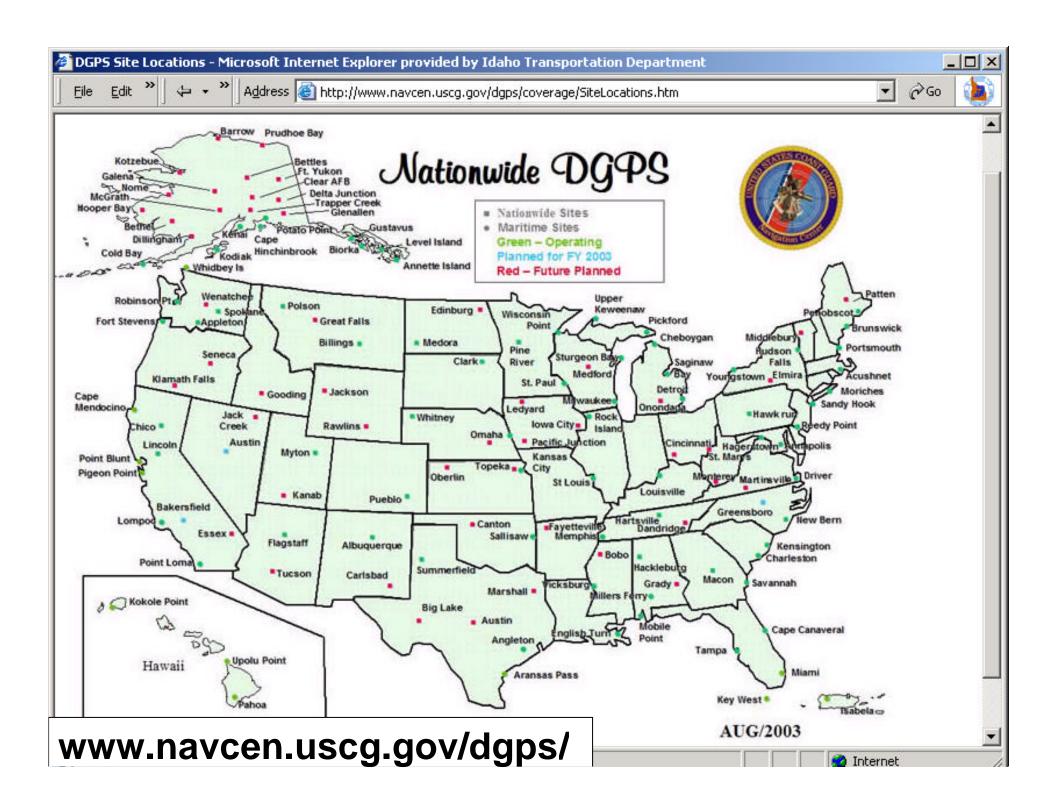
Symbol color denotes sampling rates: (1 second) (5 seconds) (10 seconds) (15 seconds) (30 seconds)

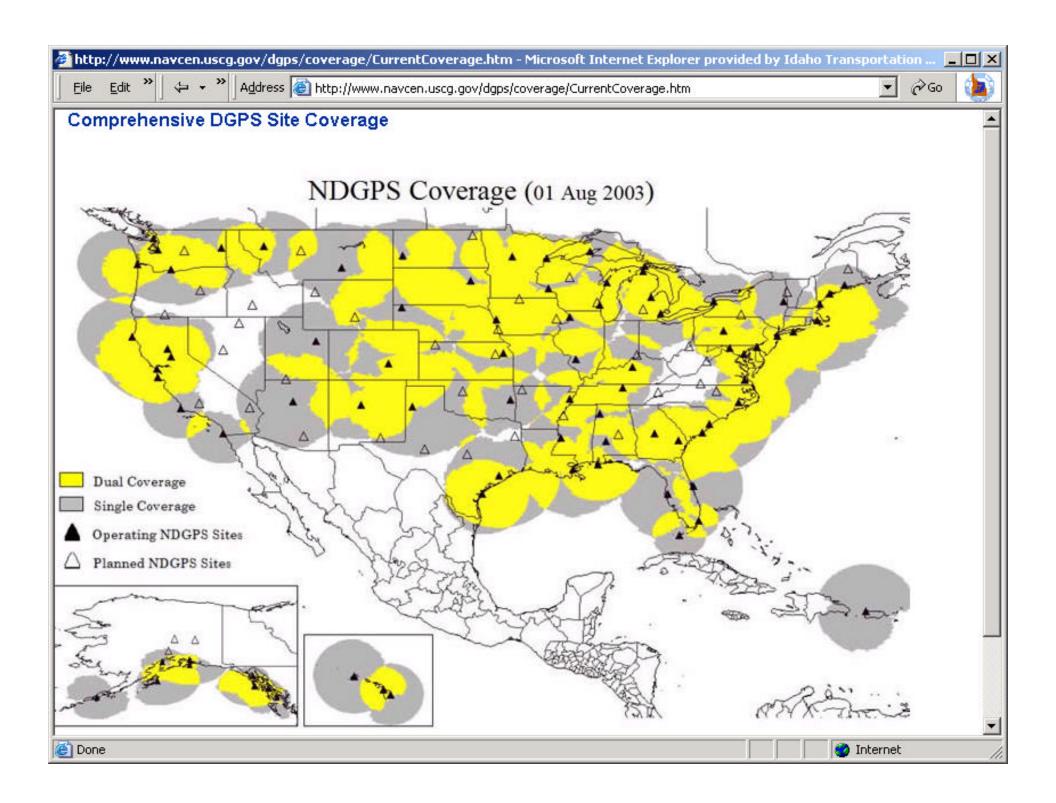
Craig 8/27/03

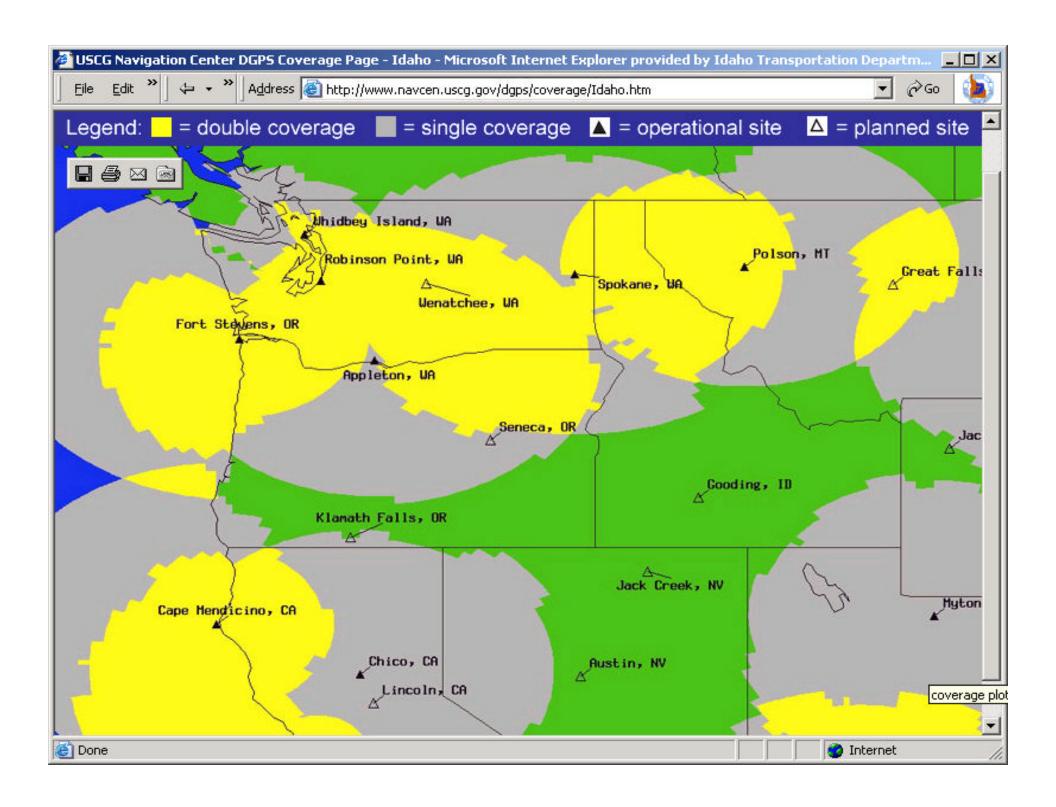


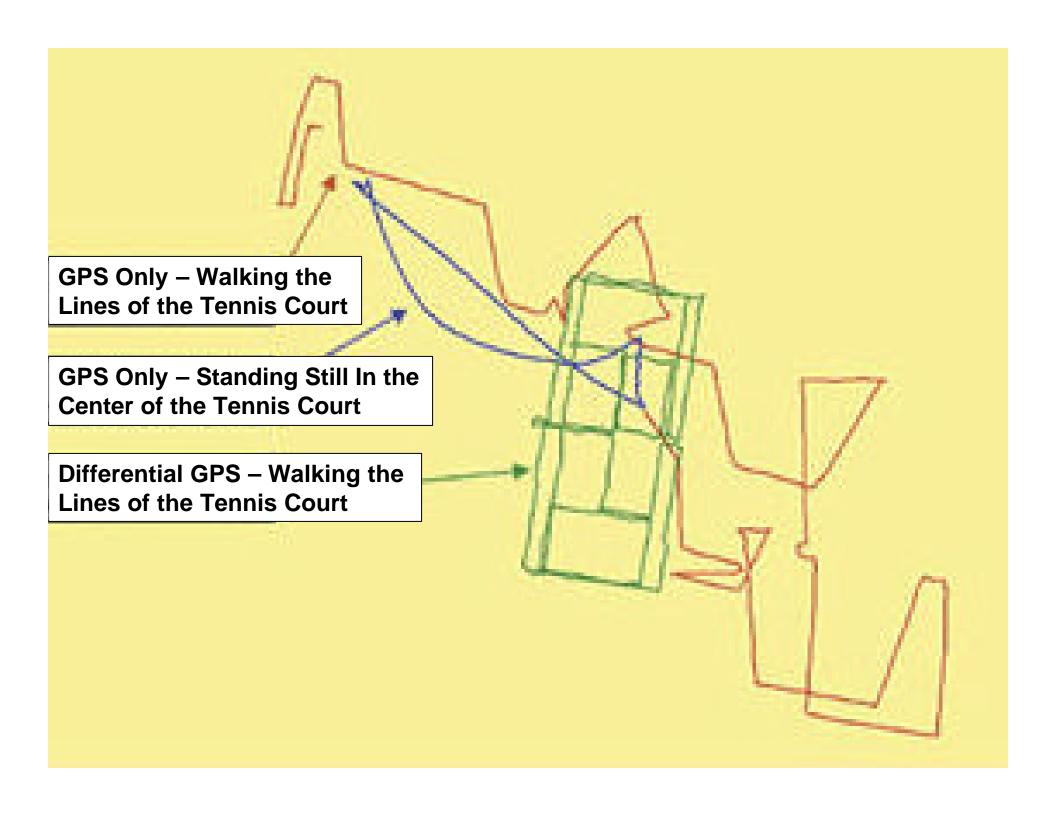
Bonners Ferry Sandpoint Coeur d'Alene Kellogg **Lewiston - LCSC Grangeville – County/USFS** McCall - USFS (L1 only) **Payette – County** Boise - IDTD - ITD/NGS **Mountain Home Stanley Sun Valley** Shoshone? - NDGPS - USCG/BLM **Challis** Salmon **Twin Falls Burley – BOR Great Rift – GTRG – UofU/INEEL** Arco Pocatello - ISU/ITD Idaho Falls St. Anthony



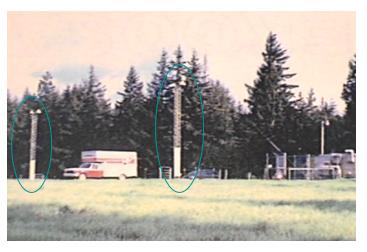








Converted GWEN to NDGPS Appleton, WA

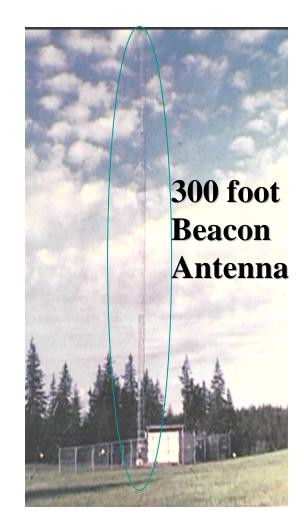


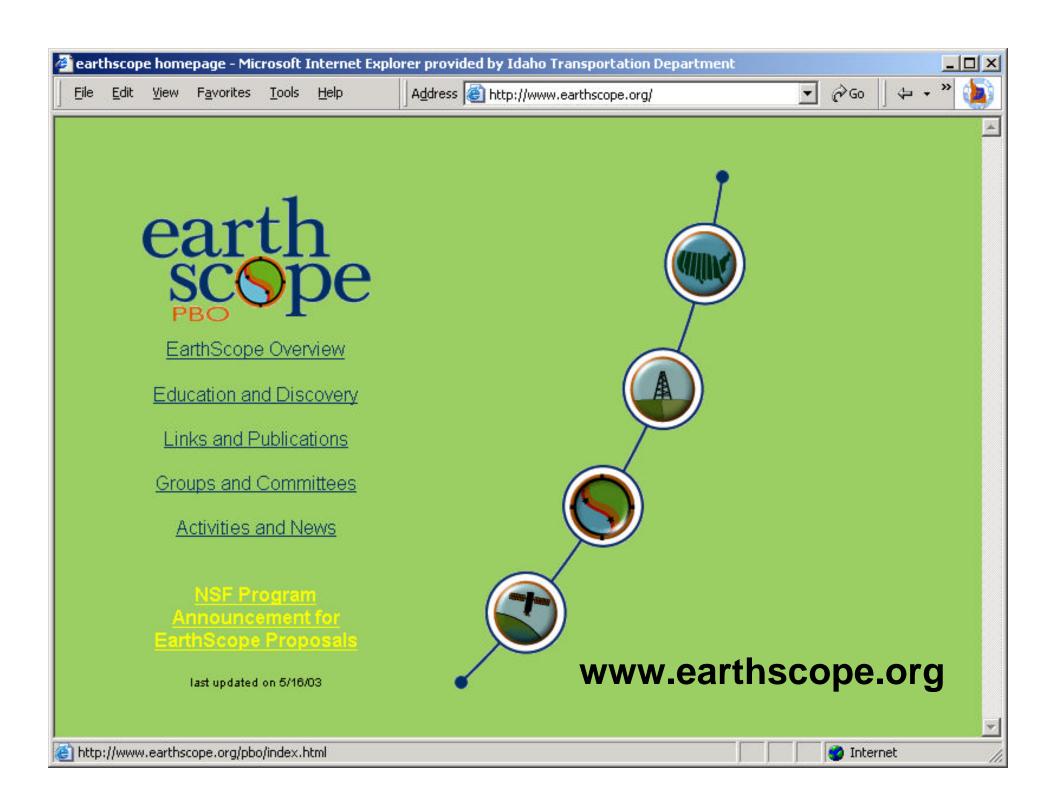
Reference & Integrity
Antennas
Two sets
of each

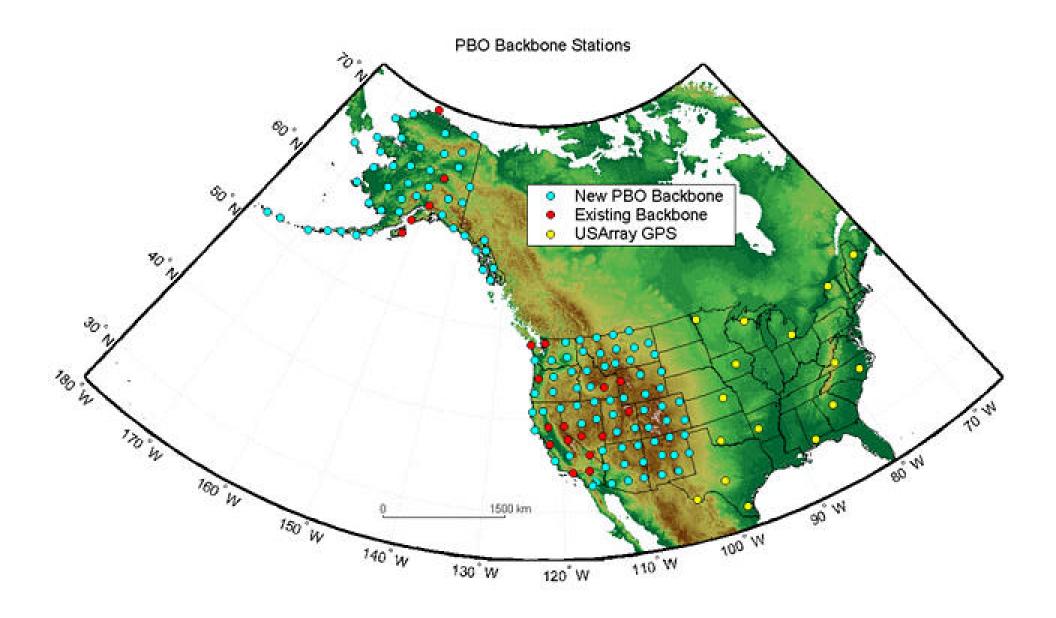


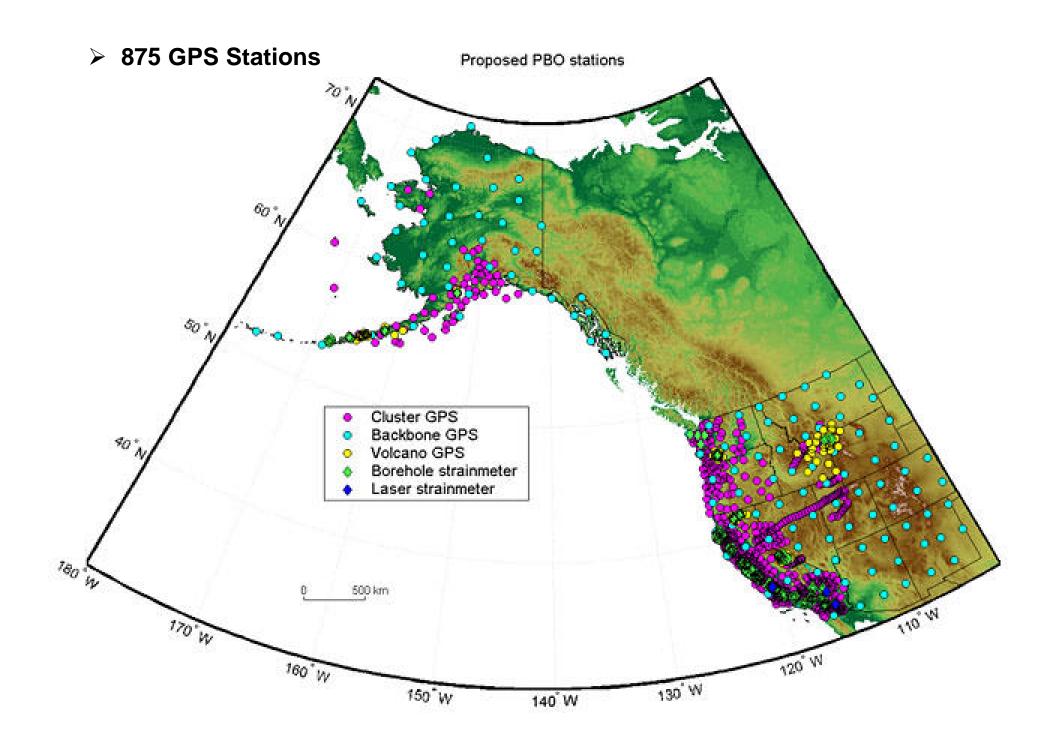
DGPS Equipment Shelter

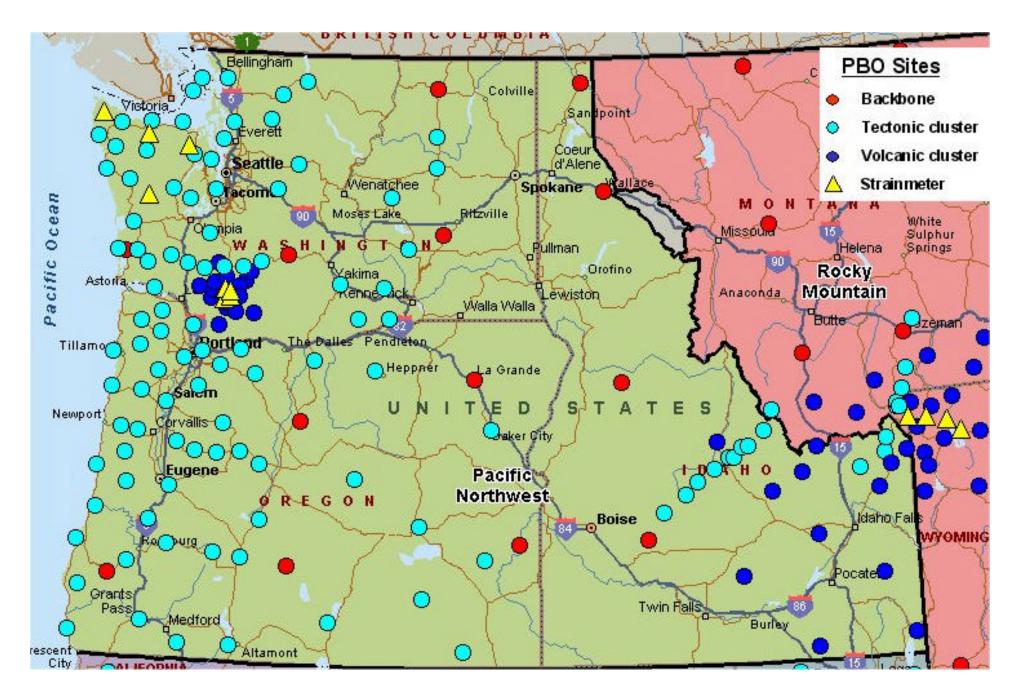
There is a similar shelter for the 25KW generator



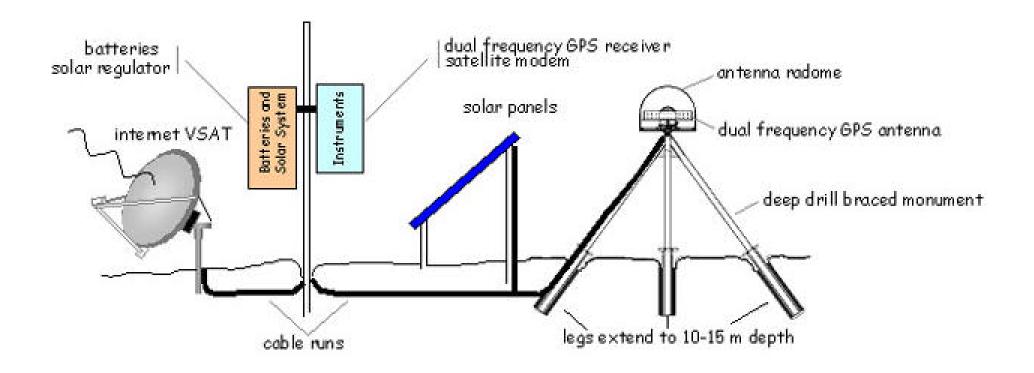


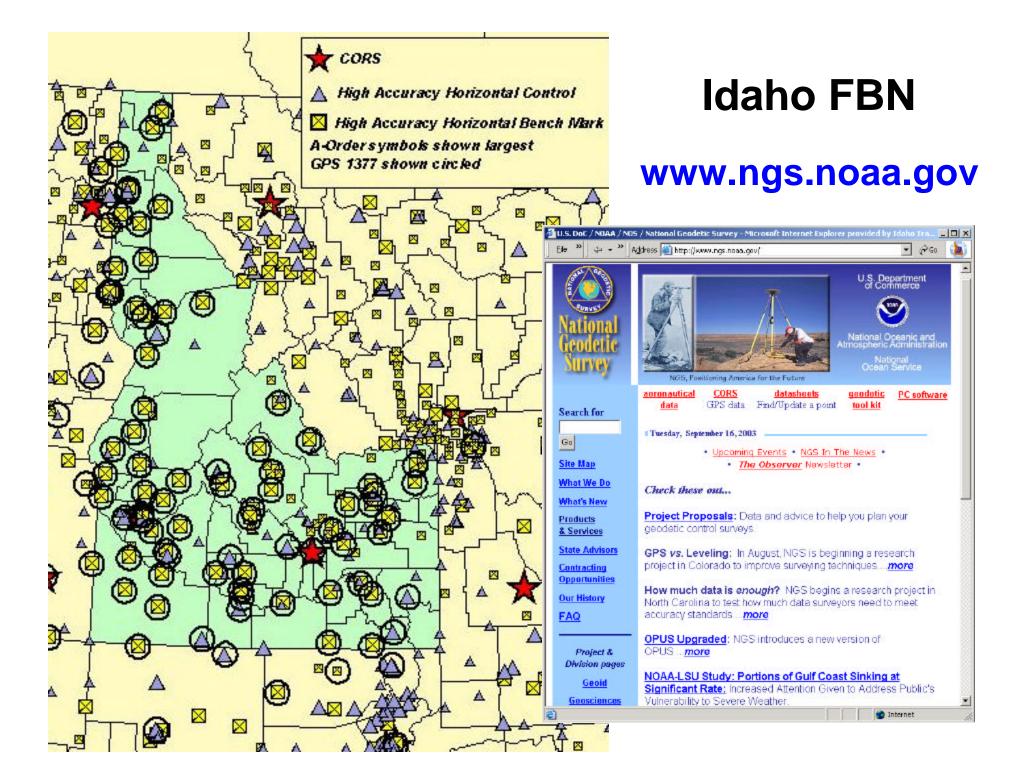


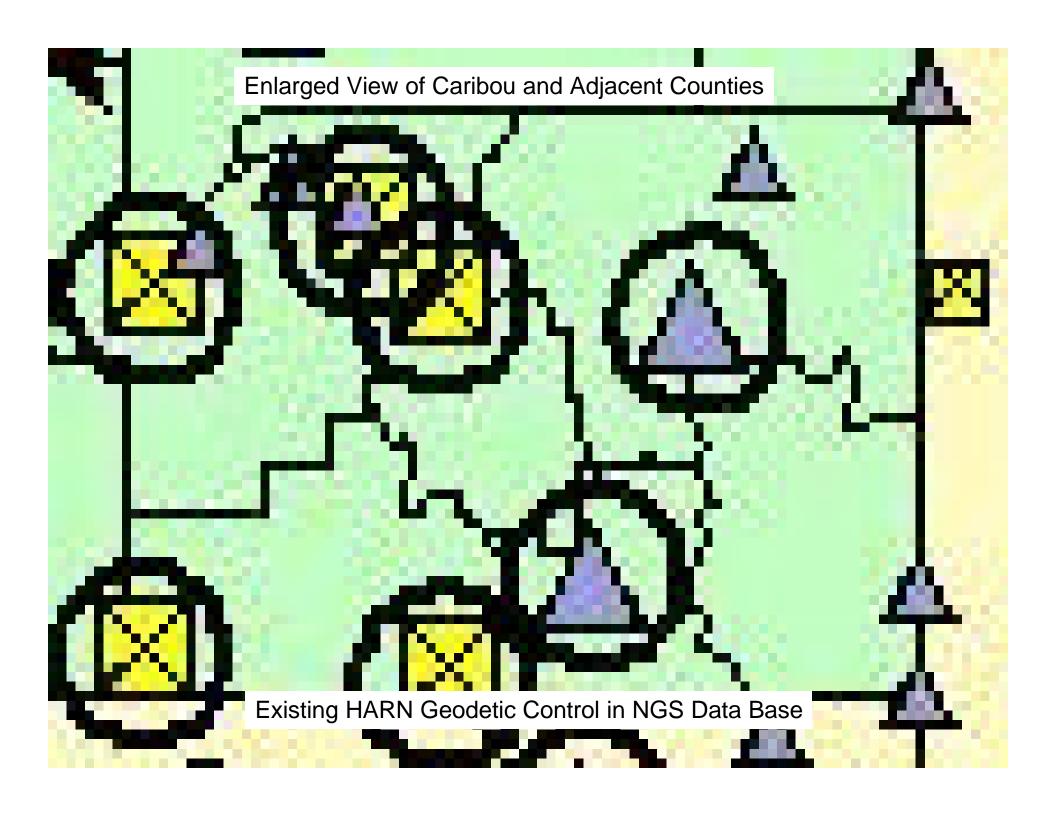


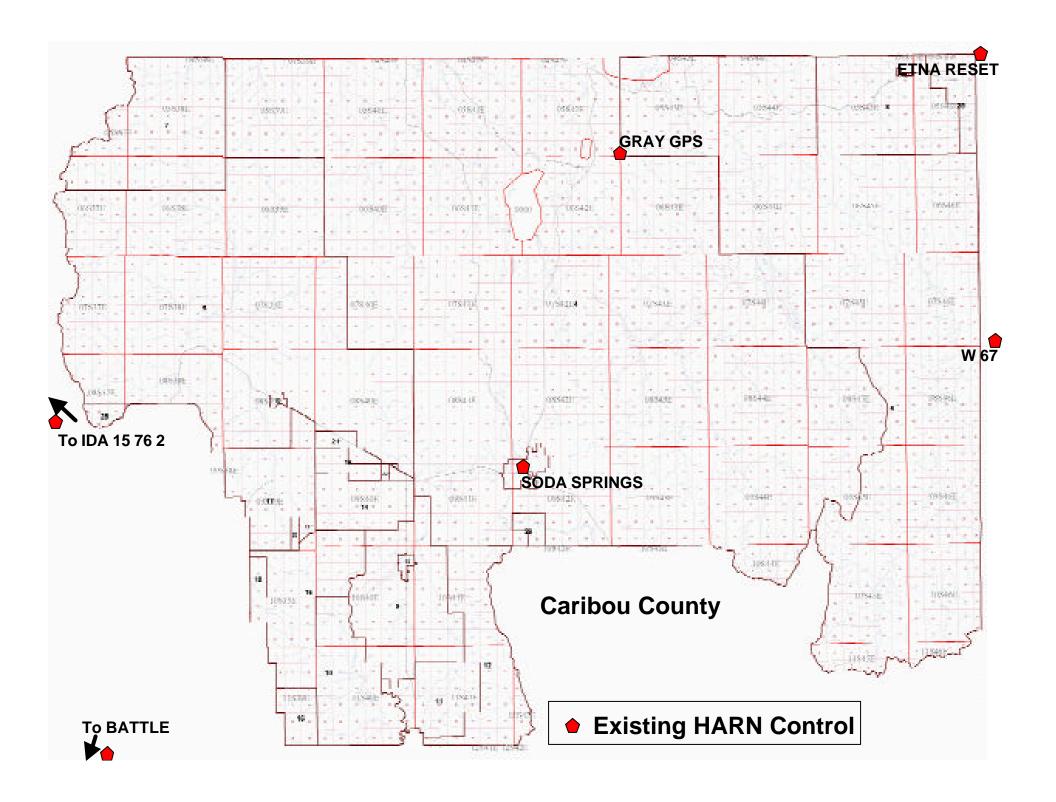


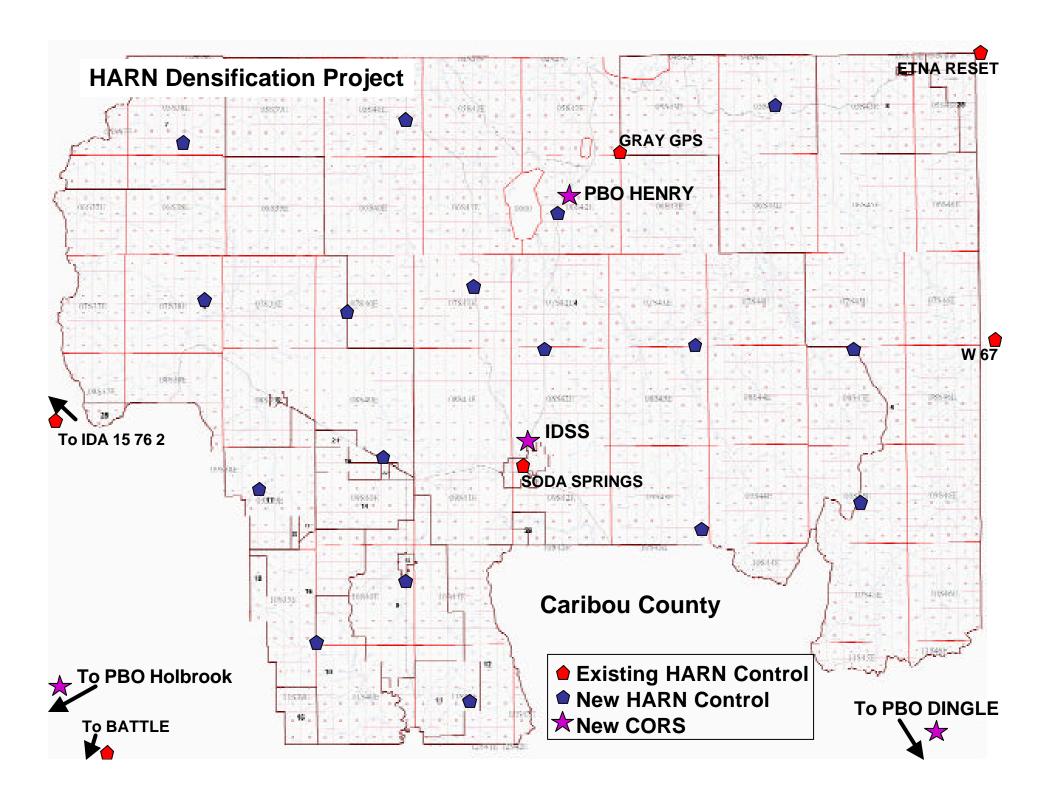
Pacific Northwest Region













Physically Monumented Points

Stainless steel rod driven to refusal

Poured in place concrete post